

Abstract

A movable platen 5 which is provided between a base platen and a stationary platen, is connected to a mold clamping ram 13 of a mold clamping cylinder 8. A pair of mold clamping cylinders 8 include a cylinder of which the inner diameter of their lower end portions is smaller than the inner diameter of the other portions, the mold clamping ram 13 having a piston 14 which fits to the lower end, a booster ram 16 which is inserted into the mold clamping ram, and a circulation device 20 which is provided to a side portion of the mold clamping cylinder.

A pair of mold clamping cylinders 8 are provided having a space in both sides of the stationary platen 2. A charge cylinder 9 is provided on the stationary platen between a pair of mold clamping cylinders. The movable platen 5 is connected to a pair of mold clamping rams. A pair of mold clamping cylinders 8 are operated to clamp the mold simultaneously at two positions, left and right, with sharing the charge cylinder 9.